Applies To: **ALL 1988 and later Models**

January 26, 1999

Clicking Noise While Turning

(Supersedes 91-029, dated April 17, 1992)

SYMPTOM

A clicking noise is heard while making right or left turns at 10 mph or less.

PROBABLE CAUSE

Worn outboard driveshaft joint.

CORRECTIVE ACTION

Replace the noisy outboard driveshaft joint.

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Op #	Description	FRT
219181	Replace both outer CV joints	2.2 hrs
219186	Replace left outer CV joint only	1.1 hrs
219191	Replace right outer CV joint only	1.1 hrs

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

Defect code: 042

Contention code: B07

Failed part: Use the replacement Part Number

Skill level: Repair Technician

PARTS INFORMATION

Refer to the Parts Catalog for the appropriate outboard joint kit application and part number.

REQUIRED SPECIAL TOOLS

Threaded Adapter:

T/N 07XAC-001010A, 22 mm

T/N 07XAC-001020A, 24 mm

DIAGNOSIS

(Driving method)

1. Drive the car in a circle in an open parking lot at approximately 10 mph with the brakes slightly applied.
2. Have an assistant stand in the center of the circle and listen for the clicking noise.
3. Drive the car in the opposite direction. The assistant should be able to tell which axle is making the noise.

DIAGNOSIS

(On-hoist method)

1. Raise the car on a hoist and start the engine.
2. With the transmission in first gear (manual transmission) or D4 (automatic transmission), increase the engine speed to 2,000 rpm.
3. Apply the brakes to load the engine speed to 1,500 rpm while maintaining the same throttle position.
4. Turn the wheels slowly to full left and full right positions. Have an assistant listen to determine which axle is making the noise.

NOTE: A driveshaft with a light degree of noise may not be detected by this on-hoist method.

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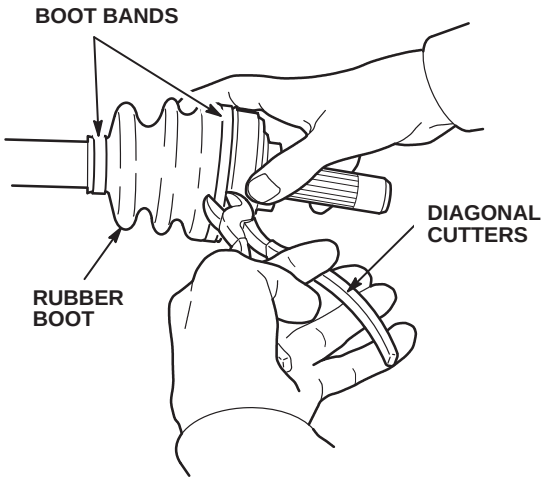
Skill Level R REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use *only* by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

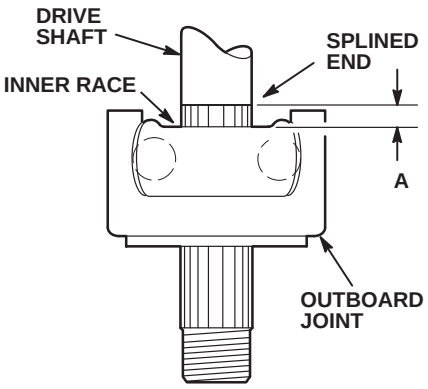
REPAIR PROCEDURE

1. Remove the driveshaft as described in Section 16 of the appropriate service manual.

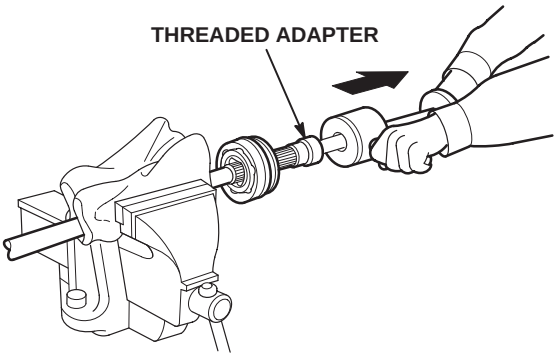
2. Use diagonal cutters to cut the two boot bands and the outboard joint boot, then remove them from the driveshaft.



3. Wipe off the grease to expose the outboard joint. Measure and record distance “A” (from the splined end of the driveshaft to the inner race) as a reference for reassembly.

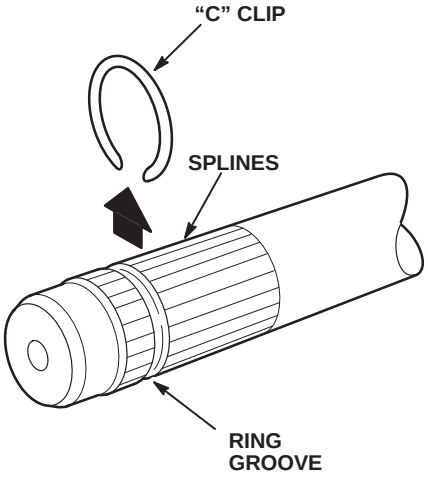


4. Carefully clamp the driveshaft in a vise.



5. Remove the outboard joint using the threaded adapter (see REQUIRED SPECIAL TOOLS) and a commercially available 5/8” x 18 slide hammer.

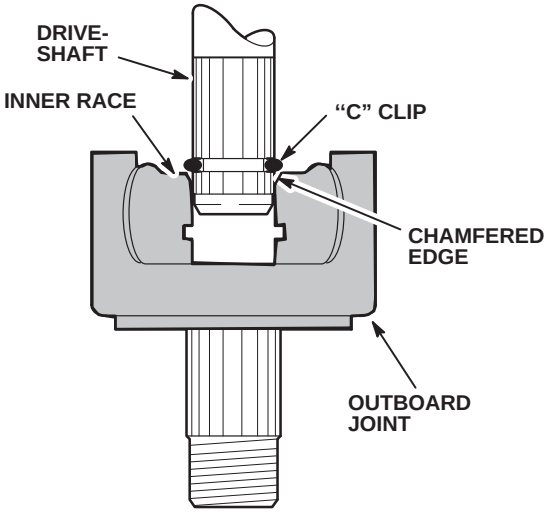
6. Remove and discard the “C” clip from the driveshaft. Clean and inspect the driveshaft splines and ring groove for burrs or other defects.



7. Install the new outboard joint boot provided in the kit. Slide it slowly onto the driveshaft to avoid damaging the boot.

8. Install the new “C” clip onto the ring groove of the driveshaft.

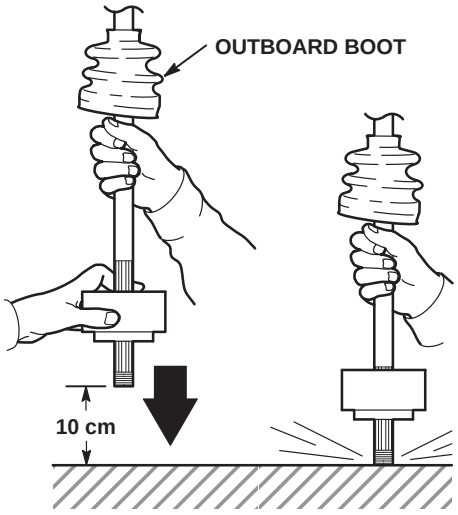
9. Insert the driveshaft in the new outboard joint. Make sure the “C” clip is centered on the shaft and is resting against the chamfered edge of the inner race.



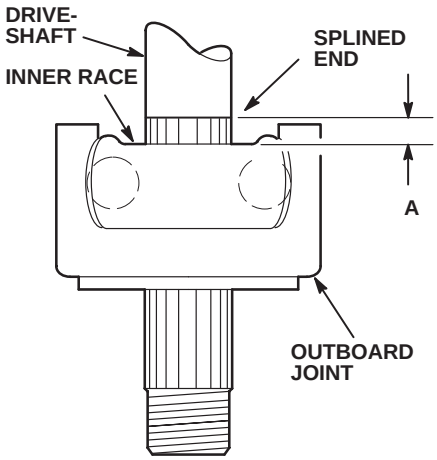
10. Remove the driveshaft from the vise.

11. To drive the outboard joint on the rest of the way, pick up the assembly and let it fall from about 10 cm (4 to 5 in.) onto a hard surface.

NOTICE Do not use a hammer; excessive force may damage the driveshaft.



12. Measure distance “A” (from the splines to the inner race of the joint). If the distance is more than your measurement in Step 3, repeat Step 11.



13. When distance “A” equals your measurement in Step 3, the “C” clip should be seated in the joint. Tap on the inner race with a plastic hammer to make sure the joint does not move on the driveshaft.

14. Fit the small end of the boot into the boot groove on the driveshaft.

15. Install the small boot band provided in the kit. Bend both sets of locking tabs over, then lightly tap them flat.

16. Pack the outboard boot with the grease included in the kit. Pack the outboard joint with the remaining grease, then fit the boot over the outboard joint.

17. Install the large boot band provided in the kit. Bend both sets of locking tabs over, then lightly tap them flat.

18. Reinstall the driveshaft assembly into the car. Refer to Section 16 of the appropriate service manual.